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Office of Agricultural Statistician, Springfield, Illinois, July 30, 1936.

SPECIAL SOYBEAN REPORT FOR ILLINOIS AND THE U. S.

For reference purposes and with a view to assisting the soybean trade to keep in touch with the soybean situation in Illinois and for the U. S. I submit the statistical tables below on this page. These data give the acreage and production statistics by states for soybeans harvested for beans in 1935 with comparisons, also the total acreage of soybeans planted for all purposes in 1935 and 1936 by states.

The condition of soybeans is holding up fairly well in the main commercial bean area of central and east central Illinois, but conditions are more uneven from these areas towards the north and south. In these latter areas there was a much larger proportion of the acreage planted under increasingly dry soil conditions with quite a scattering of stunted or poor stands reported. Soybean conditions in the west central part of the state are only fair to poor. State condition of soybeans on July 18th was reported around 65 percent of normal against August 1st conditions of 79 percent in 1935, 69 percent in 1934, and the ten-year average August 1st condition of 82 percent. The 1936 planted acreage in Illinois is estimated to be 17 percent less than the 1935 acreage. Probably a million acres or about 65 percent of the 1,549,000 acres planted this season will be saved for beans. Illinois farmers planned to save fully 70 percent of 1936 acreage for beans earlier in the season as early hay crops were above average, but the record breaking heat and drought damage to later crops will likely force the shifting of more beans to hay than expected. Our regular August 1st crop report to be mailed out August 12th will give an indication of the yield per acre for soybeans this season in Illinois.

STATISTICS FOR SOYBEANS BY STATES, 1935 WITH COMPARISONS

State	Soybeans Harvested								
	Acres			Yield per Acre			Total Quantity Gathered		
	Average			Average			Average		
	1928-32	1934	1935	1928-32	1934	1935	1928-32	1934	1935
	(1000 acres)			Bu.	Bu.	Bu.	(1000 bushels)		
ILLINOIS	276	542	1,213	15.5	19.0	18.0	4,926	10,298	21,834
Ohio	26	24	44	15.0	17.0	20.0	423	408	880
Indiana	123	160	347	13.6	16.0	17.0	1,925	2,560	5,899
Michigan	2	6	15	10.9	10.5	14.5	22	63	218
Iowa	40	157	400	15.2	12.0	17.0	670	1,884	6,800
Missouri	89	117	123	10.9	7.5	8.5	1,030	878	1,046
Kansas	9	5	10	9.6	5.0	6.5	73	25	65
Delaware	24	26	26	12.4	17.0	13.5	250	442	351
Virginia	18	16	16	11.8	13.5	14.0	202	216	224
North Carolina	96	84	88	13.4	12.0	14.0	1,230	1,008	1,232
Kentucky	6	5	10	9.9	13.0	12.5	71	65	125
Tennessee	19	14	17	7.5	7.5	6.0	137	105	102
Mississippi	9	10	18	9.9	12.5	13.0	114	125	234
Louisiana	15	12	12	9.1	10.0	12.5	149	120	150
Other states	41	38	40	10.6	11.3	11.9	436	430	477
UNITED STATES	793	1,216	2,379	13.2	15.3	16.7	11,658	18,627	39,637

TOTAL SOYBEAN ACREAGE 1935 AND 1936

	1935	1936		1935	1936
	Acres	Acres		Acres	Acres
ILLINOIS	1,866,000	1,549,000	Kentucky	80,000	86,000
Indiana	720,000	612,000	Tennessee	97,000	102,000
Ohio	145,000	138,000	Alabama	80,000	104,000
Wisconsin	127,000	72,000	Mississippi	86,000	116,000
Iowa	1,000,000	500,000	Arkansas	40,000	58,000
Missouri	385,000	346,000	Louisiana	61,000	82,000
Virginia	70,000	80,000	Other States	260,000	312,000
North Carolina	194,000	223,000	UNITED STATES	5,211,000	4,380,000

A. J. Surratt,
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SPECIAL SOYBEAN REPORT FOR ILLINOIS AND THE UNITED STATES

The total 1937 soybean acreage for all purposes in Illinois is estimated at 2,008,000 acres compared with 1,793,000 acres in 1936, 2,270,000 acres in 1935 and 1,672,000 acres in 1934. Loss of clover, alfalfa, and timothy hay acreage resulting from the 1936 drought and adverse conditions last winter partly accounts for the planting of more soybeans than intended March 1st.

The loss of hay acreage will force the shifting of an increased proportion of beans to hay. Present indications point to 904,000 acres or 45 percent of the 2,008,000 acres planted this season being saved for beans. This would compare with 1,076,000 acres or 60 percent of the 1936 total acreage harvested for beans.

The crop is making good growth with condition above average generally. Our August 1st report to be mailed out about August 12th will show the estimated yield per acre for soybeans this season in Illinois.

The acreage of soybeans grown alone for all purposes in the United States is 6,049,000 acres. An increase of 15 percent in the acreage in the North Central States represents plantings to supply hay and forage where last summer's drought damaged clover and alfalfa seedings. South Atlantic and South Central States are growing about 10 percent smaller acreage of soybeans alone than last year.

TOTAL SOYBEAN ACREAGE FOR 1936 AND 1937
GROWN ALONE FOR ALL PURPOSES

	<u>1936</u>	<u>1937</u>		<u>1936</u>	<u>1937</u>
	<u>Acres</u>	<u>Acres</u>		<u>Acres</u>	<u>Acres</u>
ILLINOIS	1,793,000	2,008,000	Kentucky	125,000	112,000
Indiana	706,000	812,000	Tennessee	159,000	159,000
Ohio	330,000	380,000	Alabama	230,000	218,000
Wisconsin	118,000	236,000	Mississippi	274,000	214,000
Iowa	504,000	706,000	Arkansas	179,000	161,000
Missouri	350,000	262,000	Louisiana	40,000	44,000
Virginia	104,000	94,000	Other States	465,000	385,000
North Carolina	258,000	258,000	UNITED STATES	5,635,000	6,049,000

SOYBEAN STATISTICS BY STATES IN 1936 WITH COMPARISONS

State	Soybeans Harvested For Beans								
	Acres			Yield Per Acre			Production		
	Average	1935	1936	Ave.	1935	1936	Average	1935	1936
	1928-32			1928-32			1928-32		
	(1000 acres)			(Bushels)			(1000 bushels)		
ILLINOIS	328	1,334	1,076	17.9	18.0	16.0	5,869	24,012	17,216
Ohio	32	124	135	16.3	21.0	15.5	522	2,604	2,092
Indiana	126	410	282	15.7	17.0	14.0	1,982	6,970	3,948
Michigan	3	16	15	14.3	14.5	12.0	43	232	180
Iowa	45	400	191	16.4	16.5	13.0	736	6,600	2,483
Missouri	93	127	49	8.6	7.0	5.0	800	889	245
Kansas	8	7	6	8.0	6.6	4.0	64	46	24
Delaware	15	17	17	11.7	14.0	13.0	175	238	221
Virginia	19	22	24	11.5	14.0	11.0	218	308	264
North Carolina	95	95	118	12.5	13.5	12.5	1,187	1,282	1,475
Kentucky	9	8	9	9.7	9.5	9.6	87	76	86
Tennessee	20	20	19	7.5	6.0	7.0	150	120	133
Mississippi	16	40	66	8.6	8.5	7.0	137	340	462
Louisiana	19	10	17	7.2	8.5	9.0	137	85	153
Other States	47	67	89	8.2	8.6	7.1	384	576	634
UNITED STATES	875	2,697	2,113	14.3	16.5	14.0	12,491	44,378	29,616

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Office of Agricultural Statistician, Springfield, Illinois, November 13, 1937.

SPECIAL SOYBEAN REPORT - NOVEMBER 1, 1937.

ILLINOIS:

State soybean production of good quality beans is placed at 21,918,000 bushels compared with 22,135,000 a month ago and 17,216,000 bushels last year. This is the largest crop since the record production of 24,012,000 bushels in 1935. The preliminary acreage for beans this season has been revised from 1,165,000 to 1,124,000 acres compared with 1,076,000 acres for beans last year, 1,334,000 in 1935, and 724,000 acres in 1934. The November 1st yield per acre has been increased a half bushel to 19.5 bushels and compares with 16 bushels last year, 18 bushels in 1935, and the 5-year (1930-1934) average yield of 18 bushels. Combining and threshing of beans was about 60% completed at the close of October. This work is now well along towards completion as the first two weeks of November have been mostly mild and favorable for all field work.

UNITED STATES:

The estimated soybean harvest of 38,997,000 bushels is 9,381,000 bushels larger than the 1936 crop, but 5,381,000 bushels short of the largest crop of record harvested in 1935. The preliminary estimate of acreage harvested for beans is 2,259,000 acres, which is only 7 percent larger than last year but is considerably below the 1935 acreage. The 17.3 bushels per acre yield estimated on November 1 is the highest yield on record, and exceeds the 1935 yield nearly a bushel per acre. Yields reported by growers indicate that the yield per acre was not as adversely affected by heavy plant growth and weediness of fields as early opinions suggested.

SOYBEANS								
State	Acreage Harvested ^{1/}			Yield Per Acre		Production		
	for Beans		Average	1936	1937	Average	1936	Prelim.
	1936	1937						
	Thousand Acres			Bushels		Thousand Bushels		
N.Y.	1	1	----	13.0	18.0	----	13	18
Pa.	2	6	----	15.0	16.0	----	30	96
Ohio	135	141	14.6	15.5	18.5	522	2,092	2,608
Ind.	282	324	13.6	14.0	17.0	1,982	3,948	5,508
Ill.	1,076	1,124	15.5	16.0	19.5	5,869	17,216	21,918
Mich.	15	15	12.0	12.0	14.5	43	180	218
Wis.	2	3	10.7	10.0	13.0	25	20	39
Iowa	191	219	15.0	13.0	18.5	736	2,483	4,052
Mo.	49	65	8.3	5.0	10.0	800	245	650
Kans.	6	5	9.6	4.0	8.0	64	24	40
Del.	17	22	13.0	13.0	14.5	175	221	319
Md.	5	7	12.0	11.5	14.5	59	58	102
Va.	24	24	12.1	11.0	13.5	218	264	324
W. Va.	1	1	12.3	11.0	13.0	20	11	13
N. C.	118	130	13.3	12.5	13.0	1,187	1,475	1,690
S. C.	10	10	6.5	6.5	6.0	58	65	60
Ga.	12	12	5.9	5.7	6.2	49	68	74
Ky.	9	8	9.6	9.5	10.5	87	86	84
Tenn.	19	29	7.8	7.0	7.5	150	133	218
Ala.	22	18	5.8	6.0	6.5	38	132	117
Miss.	66	40	8.8	7.0	8.5	137	462	340
Ark.	30	35	8.5	7.0	10.0	79	210	350
La.	17	15	8.1	9.0	7.8	137	153	117
Okla.	2	3	9.8	6.0	9.5	57	12	28
Tex.	2	2	---	7.5	7.0	---	15	14
United States	2,113	2,259	13.0	14.0	17.3	12,491	29,616	38,997

^{1/} Solid equivalent of acres harvested for beans soybeans. Includes allowance for grown with corn and other crops in Southern States.

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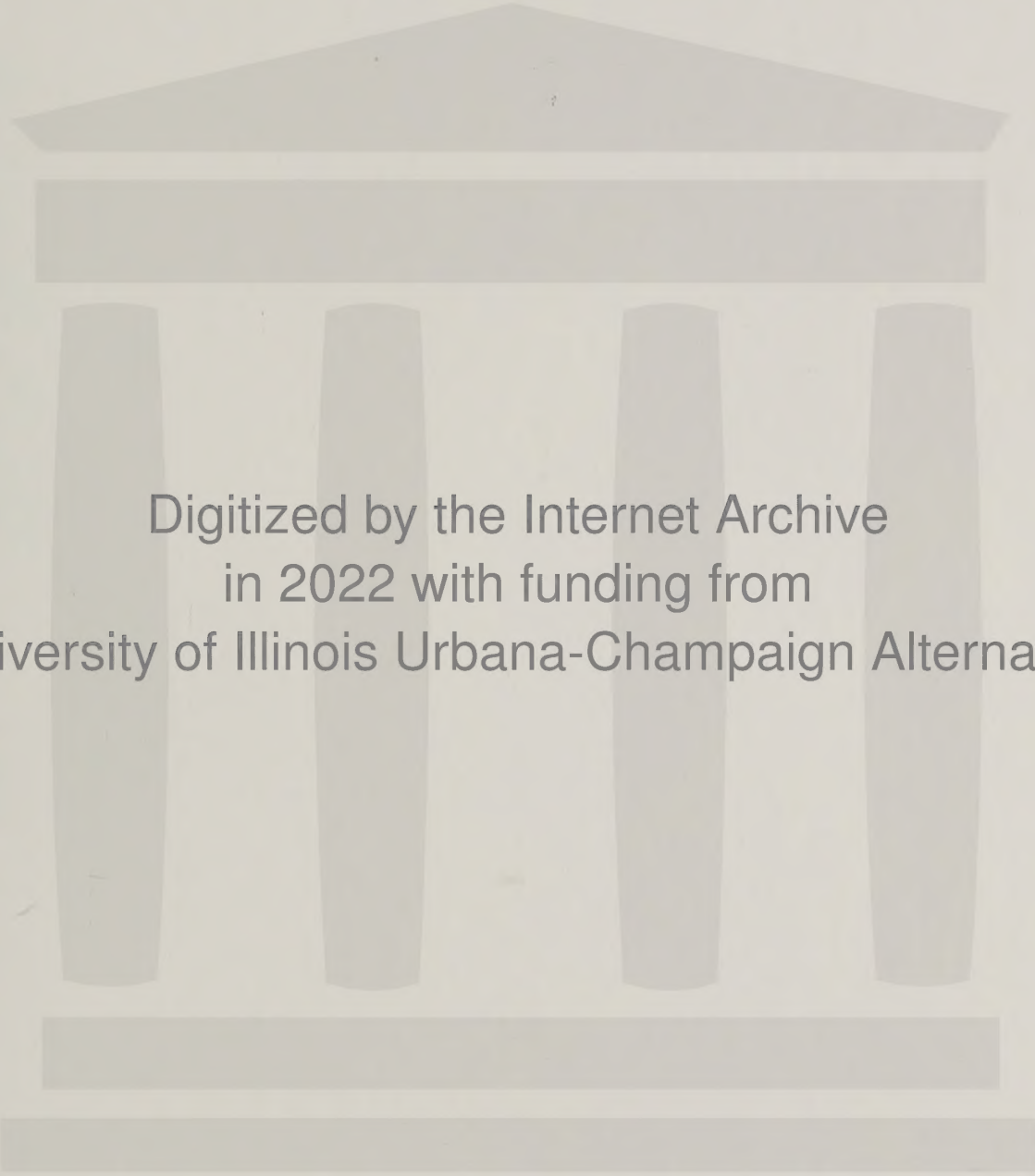
NOTE: Enclosed with this report is a copy of the Illinois and U. S. statistical sheet of crop records for November 1, 1937 with comparisons with 1936. The 5-year (1928-32) averages are given for acreage and production and 10-year (1923-32) averages for yields.

STATISTICAL TABLE FOR ILLINOIS CROP REPORT, NOVEMBER 1, 1937.

ACREAGE AND PRODUCTION FOR ILLINOIS AND U. S. - Given in thousands						
Crop	ILLINOIS			UNITED STATES		
	Average*	1936	Indicated 1937	Average*	1936	Indicated 1937
Corn -						
Acreage	9,323	9,266	9,451	103,419	92,829	96,146
Yield per acre, bus.	36.0	23.5	46.0	25.4	16.5	27.6
Production, bus.	336,738	217,751	434,746	2,554,772	1,529,327	2,651,393
Winter Wheat -						
Acreage	1,737	2,048	2,621	39,724	37,608	47,079
Yield per acre, bus.	17.0	17.5	17.5	15.2	13.8	14.6
Production, bus.	30,674	35,840	44,557	623,220	519,013	688,145
All Spring Wheat -						
Acreage	133	34	35	20,414	11,212	21,119
Yield per acre, bus.	19.4	17.5	14.5	12.4	9.6	9.4
Production, bus.	2,509	595	508	241,312	107,448	198,750
Oats -						
Acreage	4,313	3,495	3,530	40,015	33,213	35,933
Yield per acre, bus.	33.6	28.5	45.5	30.2	23.8	32.1
Production, bus.	152,009	99,608	160,615	1,215,102	789,100	1,152,433
Barley -						
Acreage	410	100	125	12,645	8,322	11,166
Yield per acre, bus.	29.7	27.0	27.5	22.6	17.7	20.9
Production, bus.	11,707	2,700	3,438	281,237	147,452	232,878
Rye -						
Acreage	66	69	114	3,315	2,757	3,960
Yield per acre, bus.	12.9	12.5	14.5	12.0	9.3	13.1
Production, bus.	807	862	1,653	38,212	25,554	51,869
Tame Hay -						
Acreage	2,646	2,943	2,642	55,153	57,055	55,773
Yield per acre, tons	1.15	1.04	1.25	1.29	1.11	1.34
Production, tons	3,110	3,065	3,302	70,146	63,309	74,576
Soybeans, For Beans -						
Acreage	328	1,076	1,124	875	2,113	2,259
Yield per acre, bus.	15.4	16.0	19.5	13.0	14.0	17.3
Production, bus.	5,869	17,216	21,918	12,491	29,616	38,997
Cowpeas, For Peas -						
Acreage	53	41	47	799	1,261	1,334
Yield per acre, bus.	7.9	6.5	8.0	6.8	6.0	6.4
Production, bus.	467	266	376	5,392	7,626	8,569
Potatoes -						
Acreage	50	43	43	3,327	3,058	3,224
Yield per acre, bus.	87	62	78	112.7	107.9	121.5
Production, bus.	4,511	2,666	3,354	372,115	329,997	391,707
Sweet Potatoes -						
Acreage	6	5	6	771	822	826
Yield per acre, bus.	93	60	85	88.5	78.0	89.3
Production, bus.	535	300	510	66,368	64,144	73,774
Sorghum For Sirup -						
Acreage	2	2	2	201	215	198
Yield per acre, gals.	67	41	74	62.1	55.1	61.8
Production, gals.	130	82	148	12,467	11,848	12,239
Buckwheat -						
Acreage	4	5	5	568	370	418
Yield per acre, bus.	13.7	13.5	15.0	15.7	16.8	16.3
Production, bus.	60	68	75	8,277	6,218	6,802
Broomcorn -						
Acreage	26	55	39	324	350	1/
Yield per acre, lb.	500	470	600	312	221	1/
Production, tons	6.9	12.9	11.7	48.2	38.7	1/
Apples -						
Total Production, bus.	4,581	1,834	8,960	164,355	117,506	211,100
Peaches -						
Total Prod., bus.	1,708	256	2,117	57,298	47,650	59,626
Pears -						
Total Prod., bus.	475	244	999	24,334	26,956	30,139
Grapes -						
Total Prod., tons	6.1	4.3	8.6	2,214	1,916	2,732

1/ Not estimated until December.

* 5-year (1928-1932) average for acreage and production, and 10-year (1923-1932) average for yields per acre.



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